

**ABSTRACT OF THE DISCLOSURE**

A delayed decision feedback sequence estimation diversity receiver includes a section for extracting a plurality of reception signals by using a plurality of 5 antennas when estimating a transmission signal from reception signals having undergone transmission path distortion, a section for combining impulse response sequences in transmission paths while canceling delayed wave components having the largest amplitudes in delayed 10 wave component sequences in impulse response sequences in the respective transmission paths, and a section for performing signal estimation on the basis of a new impulse response sequence generated by combining the impulse response sequences. A delayed decision feedback sequence 15 estimation method is also disclosed.

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